

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 02-168953 (71)Applicant : MURAOKA SHIGETARO

INOUE HIROAKI

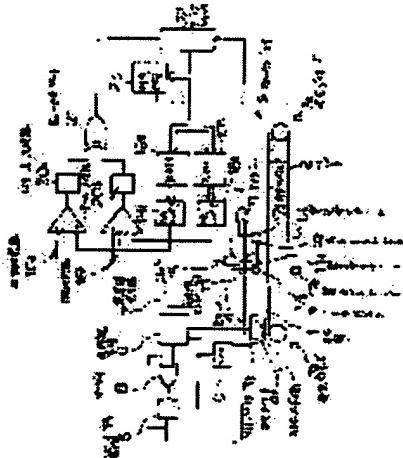
(22)Date of filing : 27.06.1990 (72)Inventor : MURAOKA SHIGETARO

(54) NOTE IDENTIFYING METHOD

(57)Abstract:

PURPOSE: To accurately identify a note by using required color identification process and infrared-ray identification process jointly.

CONSTITUTION: The color confirmation of the note is performed by a color sensor unit 4 provided with a color diode 4b capable of emitting color light to be detected and a color photodiode 4b to receive the reflected light of the diode 4a, and when no color to be detected exists in a color detection zone, a targeted note is returned as a false note, and the infrared-ray identification process is completed via a switch 15. When it exists, the value of the detection signal of an infrared-ray obtained at each detecting position by an infrared sensor unit 14 is compared with and discriminated from reference values not coinciding with the detection signals at the before and behind positions of RAMs 19a, 19b by upper and lower limit comparators 16a, 16b. The identification of the note can be extremely accurately performed by the combination of judgement for such color state of the note and that for the absorption coefficient of the infrared-ray.



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[Date of request for examination]